

cDNA Library Market, Global Outlook and Forecast 2022-2028

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Abstracts

A cDNA library is a combination of cloned cDNA fragments inserted into a collection of host cells. It uses mRNA as a template, catalyzed by reverse transcriptase, reverse transcribed into cDNA in vitro, and ligated with an appropriate vector (commonly used phage or plasmid vector) to transform the recipient bacteria. Each bacteria contains a piece of cDNA and can reproduce and expand. In this way, the collection of cDNA clones containing all the mRNA information of the cell is called the cDNA library of the tissue cell. cDNA libraries specifically reflect the genes encoding proteins expressed in specific tissues or cells at specific developmental stages, so cDNA libraries are tissue- or cell-specific.

This report contains market size and forecasts of cDNA Library in Global, including the following market information:

Global cDNA Library Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global cDNA Library market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Phage Library Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of cDNA Library include Thermo Fisher Scientific,

OriGene, Hybrigenics Pharma, Abace Biology, Abbexa, Cosmo Bio, ProteoGenix, Collecta and EpiGentek, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the cDNA Library companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global cDNA Library Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global cDNA Library Market Segment Percentages, by Type, 2021 (%)

Phage Library

Plasmid Library

Global cDNA Library Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global cDNA Library Market Segment Percentages, by Application, 2021 (%)

Protein Sequences Prediction

Gene Functional Research via Reverse Genetics

In-vitro Expression

Global cDNA Library Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global cDNA Library Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies cDNA Library revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies cDNA Library revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Thermo Fisher Scientific

OriGene

Hybrigenics Pharma

Abace Biology

Abbexa

Cosmo Bio

ProteoGenix

Cellecta

EpiGentek

Rockland Immunochemicals, Inc.

Creative Biolabs

Oebiotech

J & K

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